



### CROSS-LINKED INSULATION WIRE

ISO 6722

8 orderable sizes

<b>STANDARD</b> ISO 6722	<b>VOLTAGE CLASS</b> 60 V or 600 V specified class	<b>TEMPERATURE CLASS</b> -40 °C to +125 °C typical class
<b>CONDUCTOR</b> Bare or tinned copper conductor	<b>INSULATION / JACKET</b> Cross-linked polyethylene insulation	<b>CROSS-SECTION RANGE</b> 0.35 mm <sup>2</sup> to 6 mm <sup>2</sup>

### Construction

- 1 ■ **Conductor** – Bare or tinned copper conductor · 30 × Ø0.25 mm
- 2 ■ **Insulation** – XLPE · Wall 0.35 mm

### Size selection — all available cross-sections

Cable reference	Cross-section	No. and dia. of wires	Conductor dia. max. (mm)	Max DC resistance at 20 °C (Ω/km)	Insulation min. wall (mm)	Overall diameter approx. (mm)	Approx. cable weight (kg/km)
FLR2X 0.35 mm <sup>2</sup>	0.35 mm <sup>2</sup>	12/0.20	0.77	52.0	0.25	1.27	4.0
FLR2X 0.5 mm <sup>2</sup>	0.5 mm <sup>2</sup>	16/0.20	0.92	37.1	0.25	1.42	5.4
FLR2X 0.75 mm <sup>2</sup>	0.75 mm <sup>2</sup>	24/0.20	1.12	24.7	0.30	1.72	8.2
FLR2X 1.0 mm <sup>2</sup>	1.0 mm <sup>2</sup>	32/0.20	1.30	18.5	0.30	1.90	10.6
FLR2X 1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	30/0.25	1.59	12.7	0.35	2.29	15.8
FLR2X 2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	50/0.25	2.05	7.6	0.35	2.75	25.5
FLR2X 4 mm <sup>2</sup>	4 mm <sup>2</sup>	Fine stranded Cu	2.60	4.7	0.50	3.60	41.5
FLR2X 6 mm <sup>2</sup>	6 mm <sup>2</sup>	84/0.30	3.18	3.1	0.50	4.18	60.6